(19) World Intellectual Property Organization

International Bureau





(43) International Publication Date 16 June 2005 (16.06.2005)

PCT

(10) International Publication Number WO 2005/054249 A1

- (51) International Patent Classification⁷: **C07D 491/10**, 221/20, 209/54, A61K 31/438, 31/403, 31/407, A61P 11/06, 11/08, 19/02, 29/00
- (21) International Application Number:

PCT/SE2004/001771

(22) International Filing Date:

30 November 2004 (30.11.2004)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

0303280-2

5 December 2003 (05.12.2003) SE

- (71) Applicant (for all designated States except US): AS-TRAZENECA AB [SE/SE]; S-151 85 Södertälje (SE).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): HOSSAIN, Nafizal [SE/SE]; AstraZeneca R & D Lund, S-221 87 Lund (SE). IVANOVA, Svetlana [RU/SE]; AstraZeneca R & D Lund, S-221 87 Lund (SE). MENSONIDES-HARSEMA, Marguerite [NL/SE]; AstraZeneca R & D Lund, S-221 87 Lund (SE).

- (74) Agent: ASTRAZENECA; Global Intellectual Property, S-151 85 Södertälje (SE).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: NOVEL COMPOUNDS

$$X-O$$
 $(CH_2)_q$
 N
 R^4
 R^6
 R^7
 R^7

(57) **Abstract:** The invention provides compounds of formula (I) wherein m, R¹, n, R², q, X, Y, R³, R⁴, R⁵, R⁶, R⁷ and R⁸ are as defined in the specification, processes for their preparation, pharmaceutical compositions containing them and their use in therapy.